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 MISSION GL G-025

03 MAY 68

PREFACE

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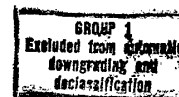
SECRET

TEXT IS PRELIMINARY ANALYSIS OF
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1**SECRET**

MISSION GL G-025
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Approved For Release 2007/03/09 : CIA-RDP78B04549A000900020006-1

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PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-825, 30 APRIL 1968. AT THE RIGHT MARGIN OF THE HEADER LINE IS THE

MISSION NUMBER. SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS -- C MCLEARN, SC DISCARTERED CLOUD COVER, H HEAVY CLOUD COVER, H HAZEN, S CLOUD SHADOWS, SD DSEMI DARKNESS, SC GROUND COVER, C CAMOUFLAGEN, O NON LOUITY, AND GR GROUND RESOLUTION. INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G GOODH, F FAIRH, OR P POORH. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T TOTALH OR PT PARTIALH. THE MODE OF COVERAGE IS SIGNIFIED BY ST STEREOH, NS NONSTEREOH, OR PS PARTIAL STEREOH. NEGATIVE RESPONSE TO SPECIFIC REQUIREMENTS WILL BE ANSWERED FOR THE MOST PART BY NAC AND APPARENT CHANGER AND/OR NOOB AND ORDER OF BATTLE DISCERNIBLE AT THE END OF THE REFERENCE LINE.

SUMMARY

GLASS LAMP MISSION G-825, 30 APRIL 1968, PROVIDES POOR TO FAIR PHOTOGRAPHIC COVERAGE OF WESTERN CUBA AND THE ISLE OF PINES WITH APPROXIMATELY 10 PERCENT CLOUD COVER. OF THE 185 COMPLEX TARGETS PRESENTLY LISTED IN CUBA, 112 ARE COVERED ON THIS MISSION. TWENTY-FOUR OF THESE ARE IDENTIFIED ONLY AND CANNOT BE INTERPRETED. THIRTEEN SAM SITES, THREE SAM TRAINING AREAS, TWO SAM ASSEMBLY AREAS, AND ONE CRUISE MISSILE STORAGE AREA ARE OBSERVED. NO SIGNIFICANT CHANGES ARE NOTED. AIR, NAVAL, AND GROUND ACTIVITY APPEARS NORMAL THROUGHOUT THE AREA OF COVERAGE.

MISSILES

EL CANO SAM SITE CU 230527N 8822900W
86-K2 25X1
OB -- 6 EMPLACED LAUNCHERS, 1 ADDITIONAL LAUNCHER, 2 MISSILE TRANSPORTERS, A PROBABLE FAN SONG RADAR, A PROBABLE ACQUISITION RADAR WITH 1 ASSOCIATED GENERATOR VAN, AND 15 OTHER VEHICLES/PIECES OF EQUIPMENT.

GUANABACOA SAM SITE A14-2 CU 230536N 8821557W
86-Y1 25X1
OB -- 6 EMPLACED LAUNCHERS, 12 MISSILE TRANSPORTERS, AN OCCUPIED CENTRAL GUIDANCE REVETMENT, AND AT LEAST 9 OTHER VEHICLES/PIECES OF EQUIPMENT.

QUARA SAM SITE A29-2 CU 224842N 8821339W
408 25X1
OB -- 3 EMPLACED LAUNCHERS, 10 MISSILE TRANSPORTERS, 9 POSSIBLE TRACKED PRIME MOVERS, 3 CARDO TRUCKS, AND 12 OTHER VEHICLES. NO FAN SONG OR ACQUISITION RADARS ARE OBSERVED.

LA SAGUD SAM SITE A04-2 CU 225305N 8822441W
409 25X1
OB -- 3 EMPLACED LAUNCHERS, 3 MISSILE TRANSPORTERS, 1 VAN IN THE CENTRAL GUIDANCE REVETMENT, AND AT LEAST 20 VEHICLES/PIECES OF EQUIPMENT.

MANAGUA SAM SITE A05-2 CU 225942N 8821558W
111-E 25X1
OB -- 3 EMPLACED LAUNCHERS, 3 MISSILE TRANSPORTERS, A FAN SONG

ILLEGIB

MARIEL SAM SITE A38-2 CU 230140N 082400W 25X1
117-W

OB -- 6 EMPLACED LAUNCHERS, 6 MISSILE TRANSPORTERS IN HOLD
REVEITEMENTS, A PROBABLE FAN SONG RADAR WITH 4 ASSOCIATED VANS, AN
ACQUISITION RADAR WITH ASSOCIATED VAN, AND AT LEAST 30 OTHER
VEHICLES/PIECES OF EQUIPMENT.

PUNTA BRAVA SAM SITE A29-2 CU 230130N 0823148W 25X1

OB -- 6 EMPLACED LAUNCHERS, 10 WITH MISSILES, 10 MISSILE
TRANSPORTERS, A POSSIBLE FAN SONG RADAR WITH 4 VANS, A POSSIBLE
ACQUISITION RADAR, AND 12 VEHICLES/PIECES OF EQUIPMENT.

RANCHUELO SAM SITE A33-2 CU 222350N 0801002W 25X1
154-B

OB -- 5 EMPLACED LAUNCHERS, 6 MISSILE TRANSPORTERS, 9 PROBABLE
MISSILE TRANSPORTERS, AN OCCUPIED GUIDANCE AREA, AND 14
VEHICLES/PIECES OF EQUIPMENT.

TORRENS SAM ASSEMBLY AREA CU 225748N 0822753W 25X1
450-A

OB -- 10 MISSILE TRANSPORTERS, AT LEAST 15 VEHICLES/PIECES OF
EQUIPMENT, AND NUMEROUS MISSILE CANISTERS.
ACTIVITY -- TWO OCCUPIED THREE-GUN AAA SITES.
FACILITIES INCLUDE 30 BARRACKS, THREE HEADQUARTERS/ADMINISTRATION
BUILDINGS, ONE PROBABLE VEHICLE PARKING SHED, TWO DRIVE-THROUGH
BUILDINGS, SEVEN DRIVE-THROUGH EARTH-COVERED STORAGE BUNKERS, AND
AT LEAST 16 SUPPORT BUILDINGS.

SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 222820N 0801847W 25X1
154-C

OB -- AT LEAST 1 EMPLACED LAUNCHER, 4 MISSILE TRANSPORTERS, AN
OCCUPIED GUIDANCE AREA, AND 12 VEHICLES/PIECES OF EQUIPMENT.

LA CATALINA SAM SITE A34-2 CU 225810N 0820011W 25X1

OB -- 6 EMPLACED LAUNCHERS, 4 MISSILE TRANSPORTERS, AN OCCUPIED
CENTRAL GUIDANCE REVETMENT, 9 POSSIBLE TRACKED PRIME MOVERS, 3
ZIL-157V, AND 21 VEHICLES/PIECES OF EQUIPMENT.

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA CU 225740N 0822130W 25X1
425-B

OB -- NUMEROUS MISSILE CANISTERS AND AT LEAST 14 VEHICLES/PIECES OF
EQUIPMENT.

CONSTANCIA SAM SITE A18-2 CU 221400N 0803030W 25X1
36-E

OB -- 5 EMPLACED LAUNCHERS, 9 MISSILE TRANSPORTERS, A FAN SONG
RADAR AND 6 ASSOCIATED VAN TRAILERS, 1 ACQUISITION RADAR AND FIELD
GENERATOR, 9 TRACKED PRIME MOVERS, 14 CARGO TRUCKS, AND 15
VEHICLES/PIECES OF EQUIPMENT.

SANTA PE SAM SITE A35-2 CU 214701N 0825010W 25X1
179-H

OB -- 6 EMPLACED LAUNCHERS, AT LEAST 7 MISSILE TRANSPORTERS, AND AN
OCCUPIED GUIDANCE AREA.

PUNTA BALLENATOS SAM SITE CU 230440N 0822945W 25X1
500-A

CONSTRUCTION IS APPROXIMATELY 80 PERCENT COMPLETE. COULD NOT BE
ILLUSTRATED

OB -- 10 MISSILE TRANSPORTERS, 10 MISSILE SUPPLY
VEHICLES, AT LEAST 11 OTHER VEHICLES/PIECES OF EQUIPMENT.

25X1

25X1

SANTA DE PROBABILE SAN TRNG AREA CU 214430N 0823840W

25X1

EL CANO SAN TRAINING AREA AB7-2 CU 230857N 0822550W

25X1

OB -- AT LEAST 10 VEHICLES/PIECES OF EQUIPMENT.

25X1

EL CANO SAN TRAINING AREA CU 230330N 0822986W

0586 86-K3
OB -- 6 EMPLACED LAUNCHERS, 4 ADDITIONAL LAUNCHERS, 3 POSSIBLE
MISSILE TRANSPORTERS, A PAN SONG RADAR WITH 6 ASSOCIATED VANS, AND
60 VEHICLES/PIECES OF EQUIPMENT.
ACTIVITY -- SIX AAA PIECES AND ONE OCCUPIED SIX-GUN AAA SITE.

25X1

AIR FACILITIES

SIGUANEIA AIRFIELD CU 213834N 0825720W

190-D

25X1

25X1

SAN ANTONIO DE LOS BAÑOS AIRFIELD CU 225216N 0823034W

164

25X1

OB -- 14 FISHED, 7 FARMER, 11 FAGOT/FRESCO, AND 1 HOUND.

25X1

SAN JULIAN AIRFIELD CU 220542N 0840907W

18

25X1

OB -- 3 COLT, 14 ZLIN TRENER, 2 LIATSON, AND 1 HOUND.

25X1

JOSE MARTI INTERNATIONAL AIRFIELD CU 225922N 0822427W

86-1

25X1

OB -- 2 FISHED, 2 BRITANNIA, 3 COKE, 9 CRATE, 1 C-47, AND 3 SMALL
STRAIGHT-WING.

25X1

CAMPO LIBERTAD AIRFIELD CU 230541N 0822555W

86-B

25X1

OB -- 2 FISHED, 7 FAGOT/FRESCO, 1 CRATE, 8 COLT, 2 SMALL
STRAIGHT-WING, 28 HOUND, AND AT LEAST 20 AIRCRAFT/HELICOPTER
FUSelage CRATES.

25X1

PLAYA BARACOA AIRFIELD CU 230205N 0823442W

22

25X1

OB -- 1 CRATE AND 1 SMALL STRAIGHT-WING.

25X1

NUOVA GERONA AIRFIELD CU 215015N 0824648W

133

25X1

OB -- 1 CRATE AND 1 COLT.

25X1

JAYME GONZALES AIRFIELD CU 220926N 0802444W

51-C

25X1

OB -- 1 CRATE.

25X1

NAVAL ACTIVITY/PORTS

MARIEL NAVAL BASE AND NAVAL AIR STATION CU 225948N 0824459W

0586 117

OB -- 6 SD-1 SC AND 2 YP.

25X1

25X1

GALANAS NAVAL BASE CU 225835N 0825036W

25X1

SANTA FE NAVAL BASE CU 213658N 082688W

25X1

CANCUN PORT A NAVAL FACILITIES CU 220825N 088272W

25X1

VESSELS -- 7 FREIGHTERS AND 1 COASTAL TANKER.

25X1

NUEVA GERONA PORT FACILITIES CU 215311N 082488W

25X1

CASTILLOA PORT FACILITIES CU 214522N 079593W

25X1

VESSELS -- 2 FREIGHTERS.

25X1

MATANZAS PORT FACILITIES CU 230340N 081330W

25X1

120-F

VESSELS -- 2 FREIGHTERS AND 1 COASTAL FREIGHTER.

25X1

SURGIDERO DE BATABANO PORT FACILITY CU 224105N 082174W

25X1

81

VESSELS -- 1 FERRY.

25X1

LA HABANA PORT FACILITIES CU 230750N 082205W

25X1

86

OB -- 1 PF, 2 KRONSTADT PG, 4 PROBABLE SO-1 SC, 4 KOMAR PTG, AND 6 POSSIBLE P-4 PT.

VESSELS -- 32 FREIGHTERS AND 1 TANKER.

25X1

BAHIA HONDA PORT CU 225520N 083112W

25X1

PUNTA BALLENATOS NAVAL FACILITY CU 230515N 082294W

25X1

508

OB -- 3 POSSIBLE P-4 PT.

25X1

ELECTRONICS/COMMUNICATIONS

BAHIA HONDA AW RADAR FACILITY CU 225829N 083112W

0587

3-D

OB -- 3 PROBABLE VANS.

25X1

BAHIA HONDA AW RADAR FACILITY 2 CU 225512N 083121W

0587

3-G

OB -- 1 BAR LOCK RADAR.

25X1

SAN JULIAN RADAR FAC AFLO GUANE CU 220625N 084091W

25X1

SANTA FE AW RADAR FACILITY CU 203933N 082454W

25X1

CABANAS RADAR FACILITY CAYO TOMAS CU 225912N 082585W

25X1

OB -- 1 POSSIBLE NON SIEVE RADAR.

25X1

CIENFUEGOS RADAR FACILITY NO 2 CU 220226N 080252W

RANCHO BOYEROS MILITARY TRAINING AREA A CAMP CU 225035N 0821843W

86-E

OB -- 3 FA PIECES, 24 FA/AAA PIECES, 21 CARGO TRUCKS, AND AT LEAST 100 VEHICLES/PIECES OF EQUIPMENT.

SANTIAGO DE LAS VEGAS MILITARY CAMP CU 225000N 0822020W

OB -- NUMEROUS VEHICLES/PIECES OF EQUIPMENT.

SANTIAGO DE LAS VEGAS MIL CAMP CU 225750N 0822320W

FOUNDES MILITARY CAMP TORRENS CU 225919N 0822750W

458

OB -- AT LEAST 70 VEHICLES/PIECES OF EQUIPMENT.

BEJUCAL UG STORAGE AREA SE CU 225436N 0822142W

328-C

OB -- 20 TANKS/ASSAULT GUNS AND 27 OTHER VEHICLES.

LARGO ISLAND MILITARY CAMP CU 213735N 0801351W

CORRALILLO MILITARY TRAINING AREA CU 230159N 0803900W

GUANAJAY MILITARY CAMP MARTIN MESA CU 225720N 0824332W

215-D

OB -- 53 PROBABLE FA PIECES, 19 POSSIBLE AAA PIECES, AND AT LEAST 39 CARGO TRUCKS.

GUANAJAY DRIVE THROUGH BUNKER CU 225655N 0823900W

LA FLORA MILITARY CAMP CU 225243N 0823350W

164-E

OB -- 51 PROBABLE FA PIECES, 36 POSSIBLE AAA PIECES, 50 BTR-60P, AND AT LEAST 62 CARGO TRUCKS.

LIMONAR MILITARY CAMP CAMPO DE TIRO SE CU 225555N 0812420W

430-C

OB -- 22 PROBABLE TANKS/ASSAULT GUNS AND 12 VEHICLES/PIECES OF EQUIPMENT.

LIMONAR MILITARY TRAINING AREA CU 225405N 0812150W

430-D

OB -- 70 VEHICLES/PIECES OF EQUIPMENT.

MANAGUA TANK PARK LOMAS DE TETAS CU 225805N 0821910W

425-D

OB -- 20 TANKS/ASSAULT GUNS AND 14 OTHER VEHICLES.

MANAGUA MILITARY CAMP CU 225805N 0821710W

111

OB -- 10 TANKS/ASSAULT GUNS, AT LEAST 70 CARGO TRUCKS, 5 COLT, 3 COLT FUSELAGES, 1 HOUND, AND AT LEAST 80 OTHER VEHICLES/PIECES OF EQUIPMENT.

NAZARENO MILITARY CAMP CU 225750N 0821355W

EQUIPMENT

25X1

SAN PEDRO DE NUNEZ MILITARY CAMP CU 225450N 8838533W

25X1

ON 23 CARGO TRUCKS AND 18 VEHICLES/PIECES OF EQUIPMENT.

25X1

SAN JOSE DE LAS LAJAS VEHICLE PARKING CU 225842N 8821227W

25X1

172-L

OB -- 20 PROBABLE FA PIECES, AT LEAST 18 AAA PIECES, 16 VAN TRUCKS, 8 VAN TRAILERS, AND AT LEAST 30 OTHER VEHICLES/PIECES OF EQUIPMENT. THE MAIN VEHICLE/EQUIPMENT PARKING AREA IS NOW BEING RESURFACED, AND THE CONSTRUCTION OF BUILDINGS CONTINUES.

25X1

SANTA FE MILITARY CAMP LA CLARITA CU 214351N 8824638W

25X1

179-E

OB -- MAIN CAMP -- NONE OBSERVED.

CAMP 1.5 NM WNW -- 18 VEHICLES/PIECES OF EQUIPMENT.

CAMP 4.8 NM NW -- NONE OBSERVED.

ACTIVITY -- CAMP 1.5 NM WNW -- TWO OCCUPIED SIX-GUN AAA POSITIONS. CONSTRUCTION CONTINUES ON DRIVE-THROUGH BUNKERS AT THE ADJACENT BARRACKS AREA.

25X1

SANTA FE MILITARY CAMP LUMUMBA CU 214200N 8824930W

8586 179-B

25X1

SANTA FE MILITARY CAMP EAST CU 214430N 8824482W

25X1

179-I

OB -- 22 FA PIECES, 8 AAA PIECES, 9 FA/AAA PIECES, AND 29 CARGO TRUCKS.

25X1

SAN ANTONIO DE LOS BAÑOS MILITARY CAMP NE CU 225480N 8822948W

25X1

164-J

OB -- APPROXIMATELY 80 VEHICLES.

25X1

CHORRERA DE MANAGUA MILITARY CAMP N CU 230216N 8821951W

8586 316-D

OB -- 22 PROBABLE TANKS/ASSAULT GUNS, 4 CARGO TRUCKS, AND 2 OTHER VEHICLES.

25X1

LA CHARGA MILITARY HQS CU 224608N 8883627W

25X1

585

OB -- 32 FA PIECES, 12 PROBABLE FA PIECES, 6 PROBABLE AAA PIECES, 186 CARGO TRUCKS, 3 PROBABLE CARGO TRUCKS, AND 40 VEHICLES/PIECES OF EQUIPMENT.

ACTIVITY -- TWO OCCUPIED SIX-GUN AAA POSITIONS.

CONSTRUCTION CONTINUES ON AT LEAST 12 DRIVE-THROUGH STORAGE BUNKERS.

25X1

SIGUANEA MILITARY BARRACKS CU 213710N 8825725W

25X1

OBOURKE MILITARY CAMP CU 228948N 8882722W

25X1

51-V

OB -- 13 FA PIECES AND 15 CARGO TRUCKS.

25X1

ALQUIZAR MILITARY CAMP N CU 225124N 8823406W

25X1

13-J

OB -- 26 POSSIBLE TANKS/ASSAULT GUNS.

25X1

FONTANAR VEHICLE STORAGE AREA CU 230154N 8822442W

OB -- AT LEAST 18 VEHICLES/PIECES OF EQUIPMENT.

CAMPO LINDERO VUELTA RABK 200 CU 029932//N 082272//W 49A000900020006-1

25X1

25X1

33 34 NUMEROUS VEHICLES/PIECES OF EQUIPMENT.

25X1

MILITARY INSTALLATION SAN MARTIN CU 238000N 0813101W

25X1

128-0
33 34 AT LEAST 38 VEHICLES/PIECES OF EQUIPMENT.

25X1

SPECIAL AREA VERMONT CU 23817//N 08245//W

25X1

25X1

SPECIAL AREA OREGON CU 2256//N 08200//W

25X1

SPECIAL AREA WHITE CU 2254//N 08202//W

25X1

SPECIAL AREA BLACK CU 23827//N 08235//W

25X1

SPECIAL AREA OHIO CU 23817//N 08239//W

25X1

SPECIAL AREA GREEN CU 2255//N 08242//W

25X1

SPECIAL AREA PURPLE CU 2254//N 08228//W

25X1

CAHAYAS LANDING BEACH CU 23817//N 08126//W

25X1

CIENFUEGOS LANDING BEACH CU 2282//N 08036//W

25X1

ENSENADA COLORADO LANDING BEACH CU 2282//N 08026//W

25X1

PLAYA COLOMBO LANDING BEACH CU 2154//N 08246//W

0586 478

25X1

PLAYA DE FLAMENCOS LANDING BEACH CU 2155//N 08243//W

0586 479

25X1

GANUZA LANDING BEACH CU 2385//N 08038//W

0586 582

25X1

ENSENADA DE PLAYUELAS LANDING BEACH CU 2246//N 08349//W

0587 65

25X1

5

4

3

2